

FIG. 1

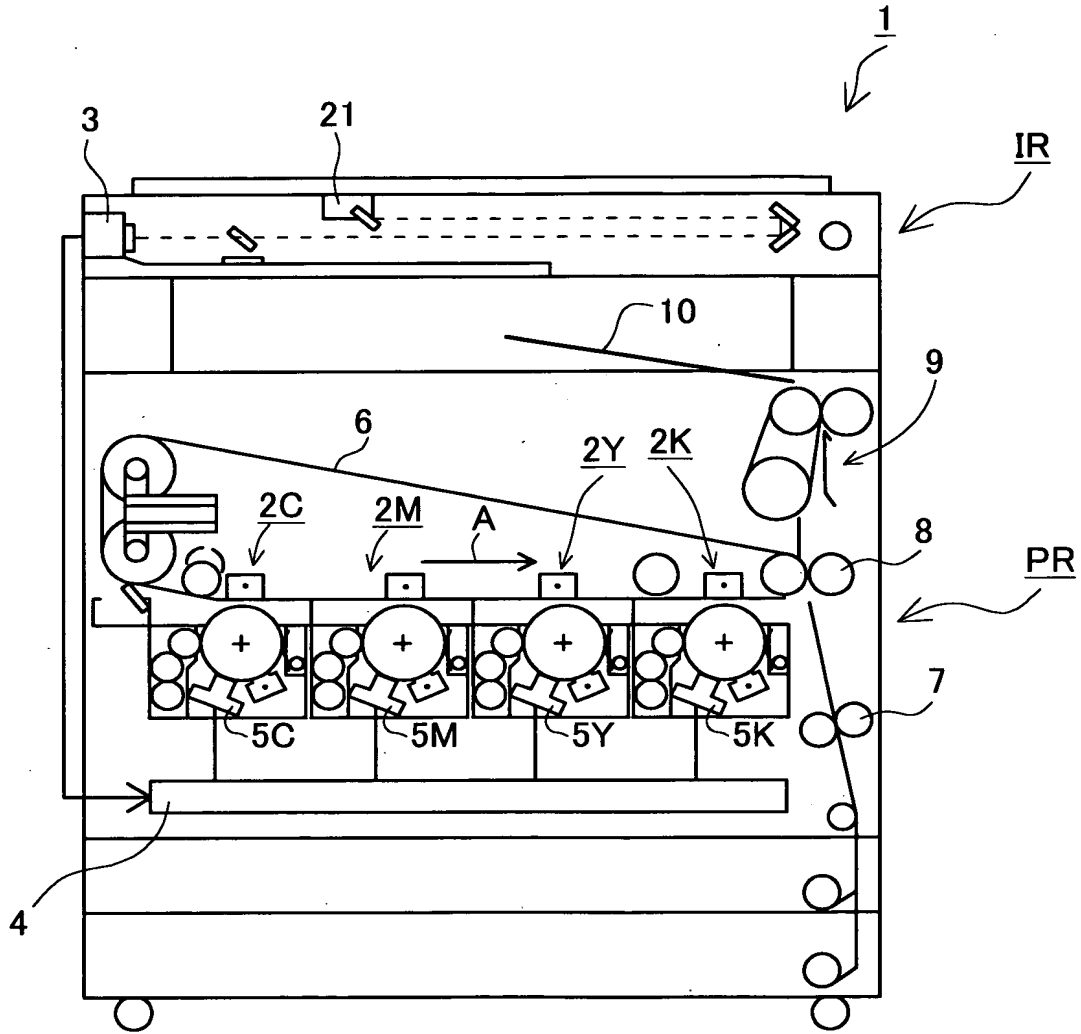


FIG. 2

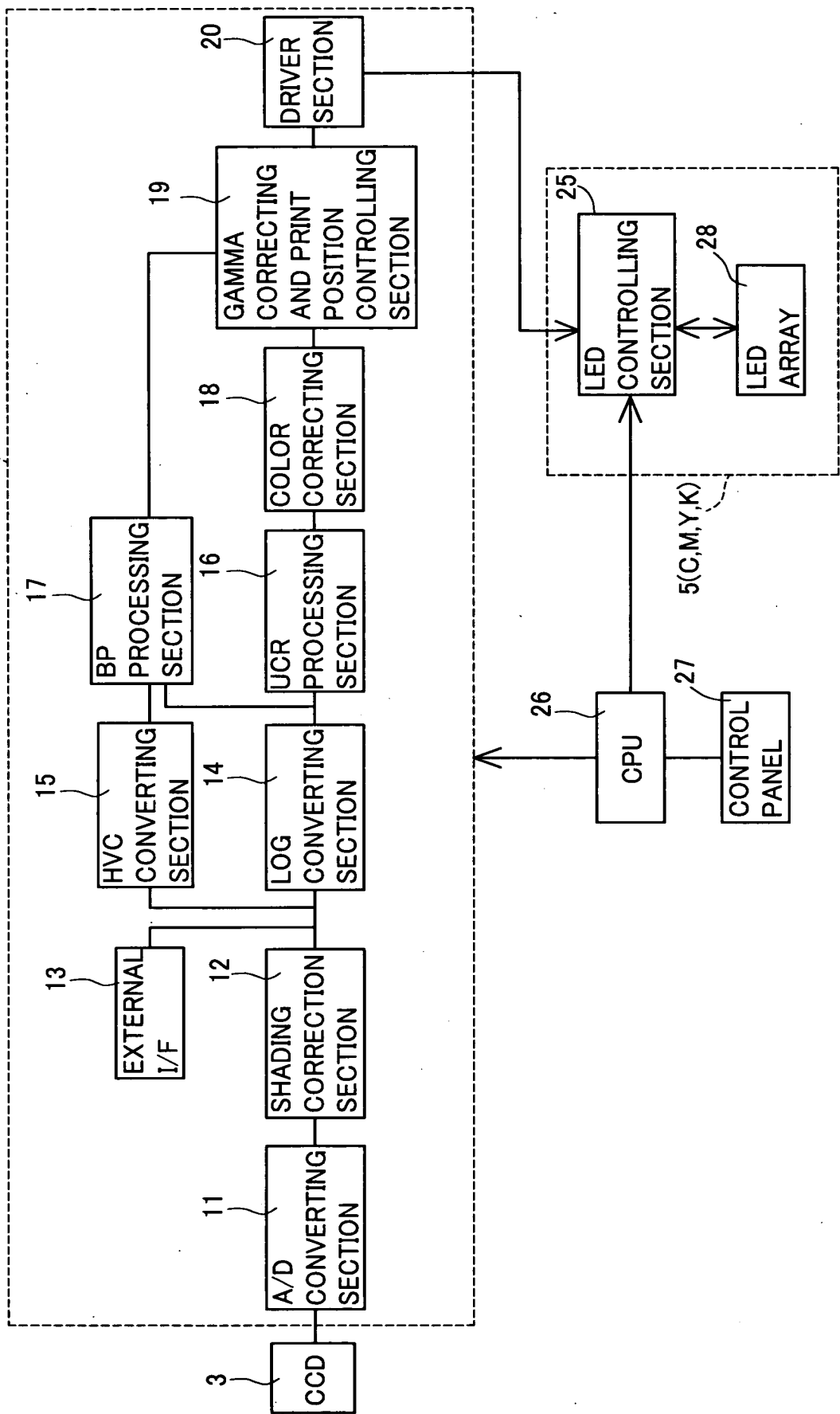
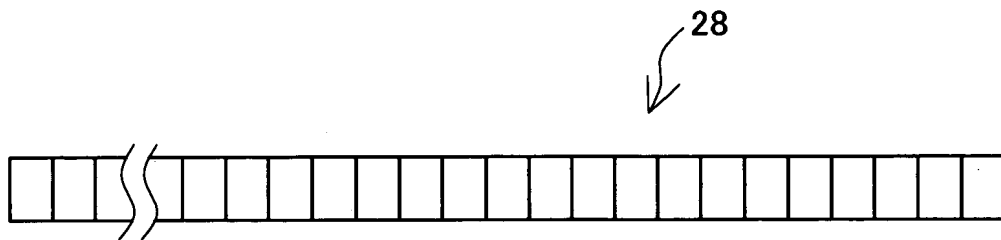


FIG. 3



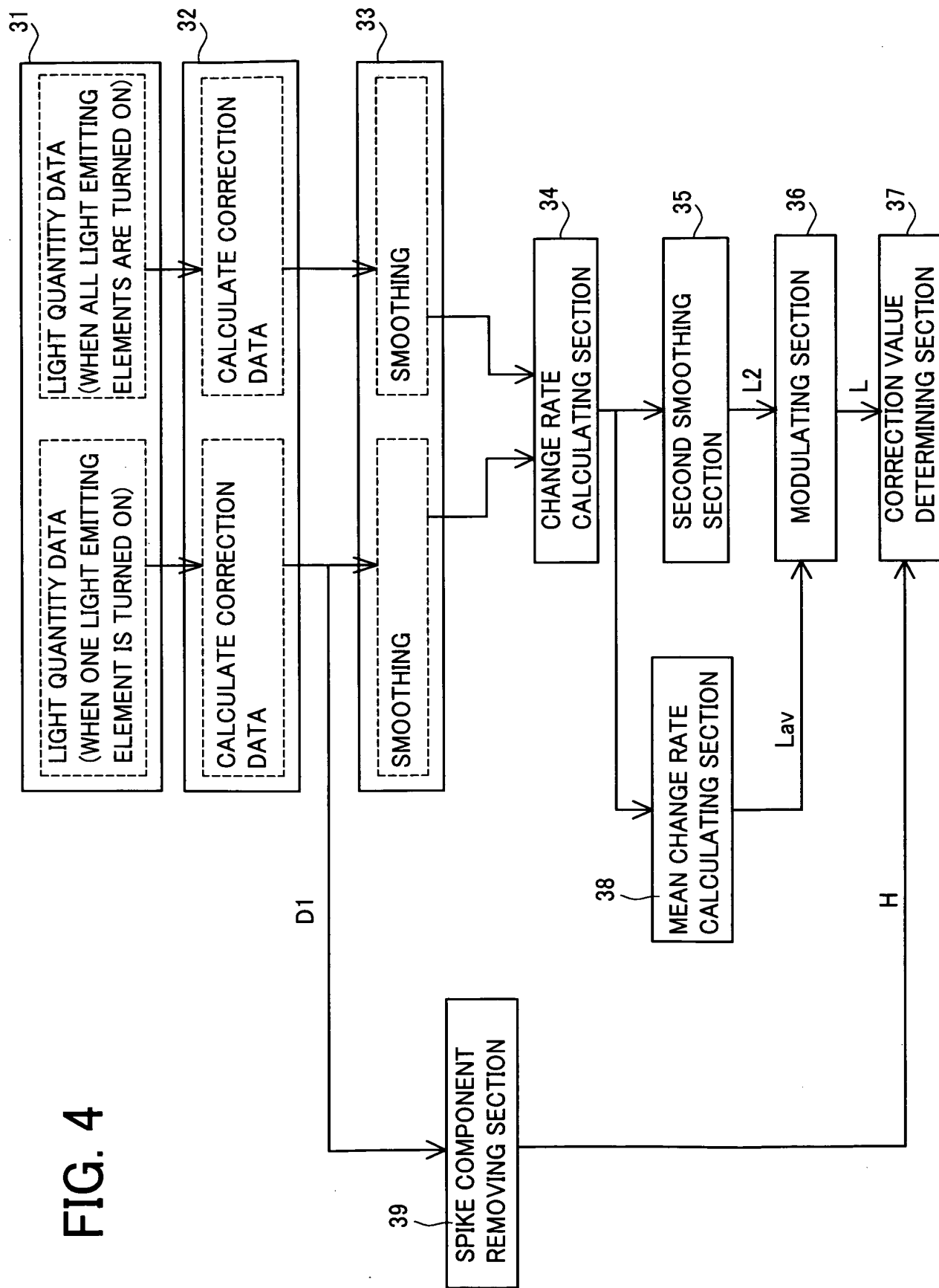


FIG. 5

FIG.5

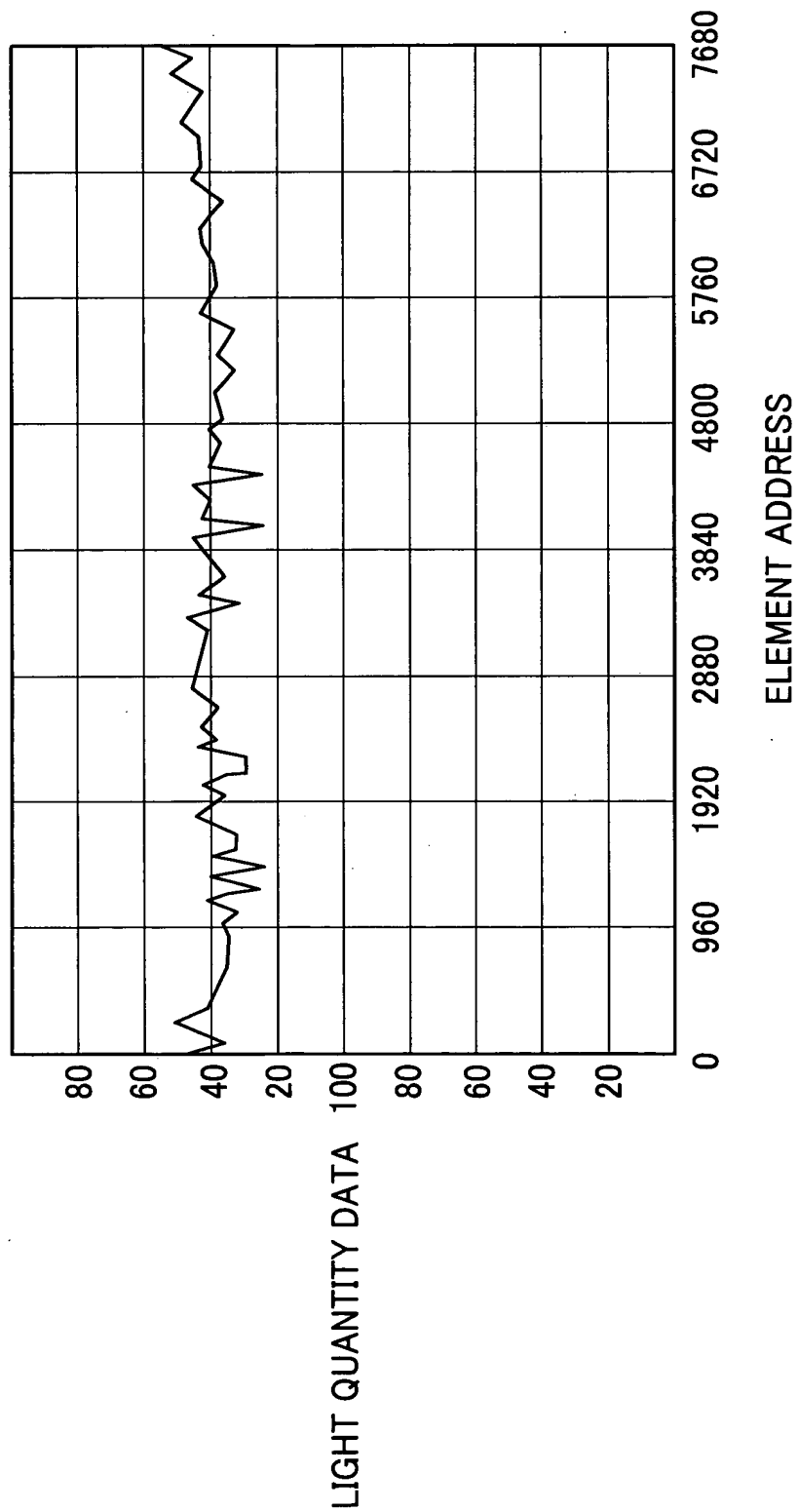


FIG. 6

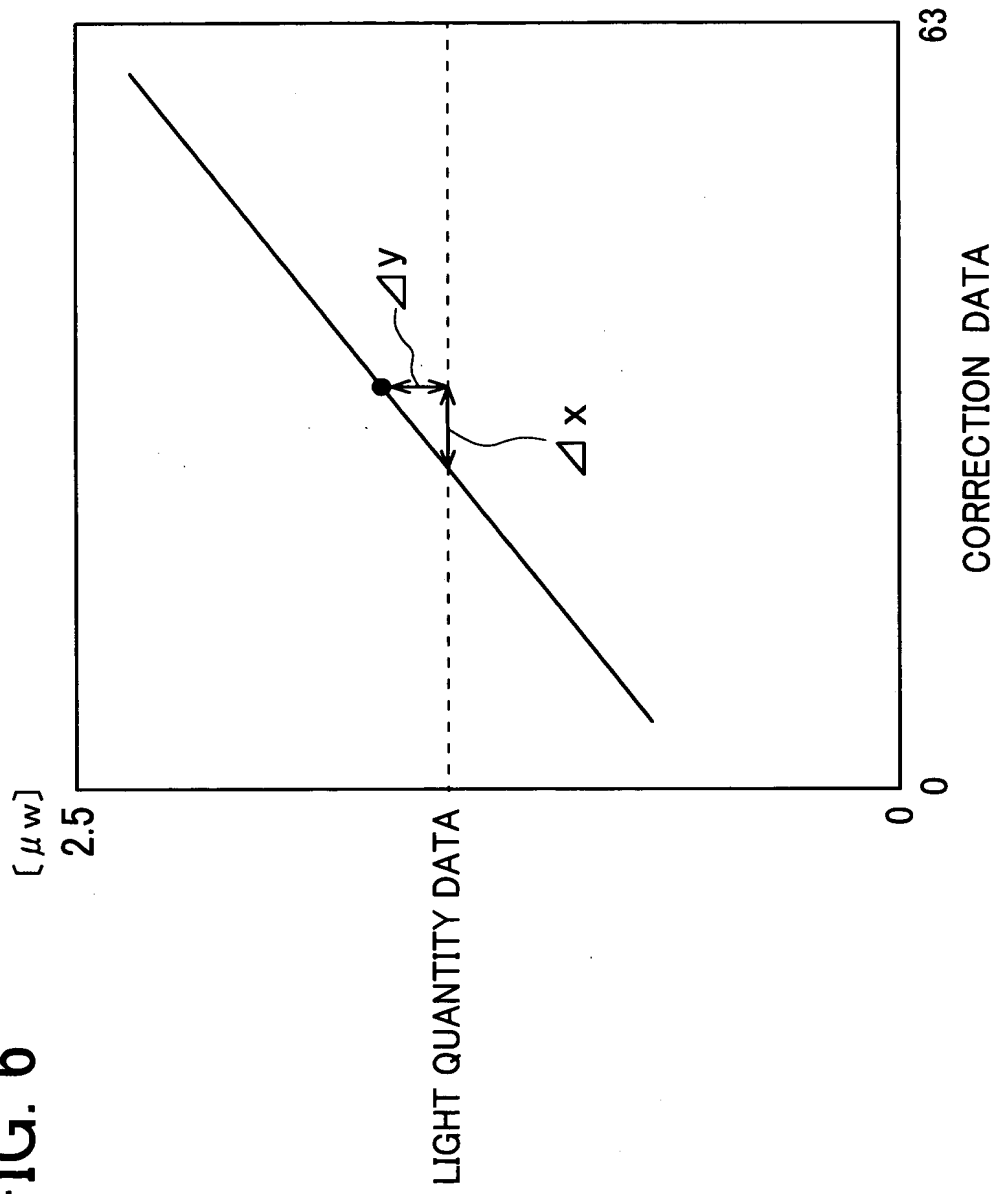
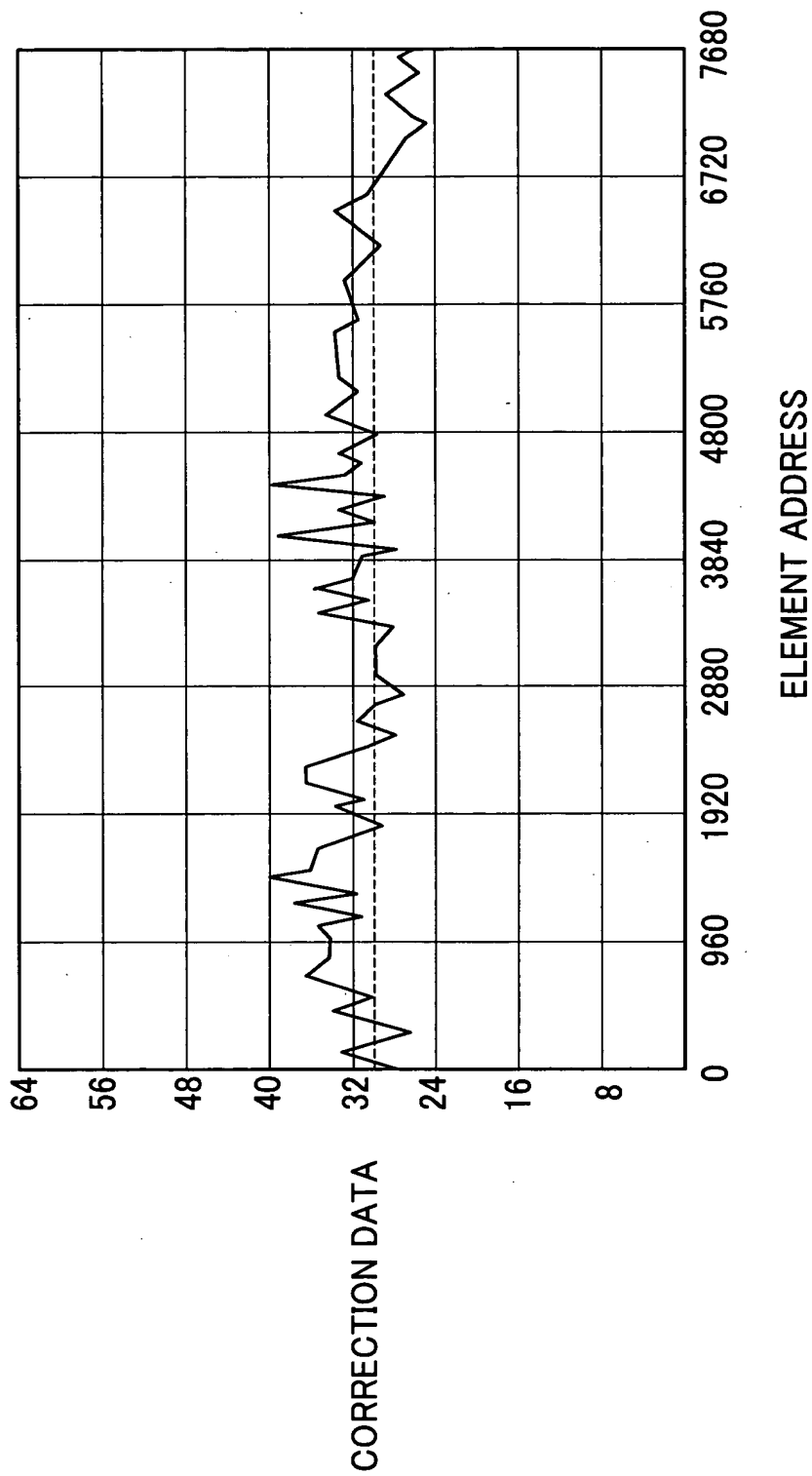
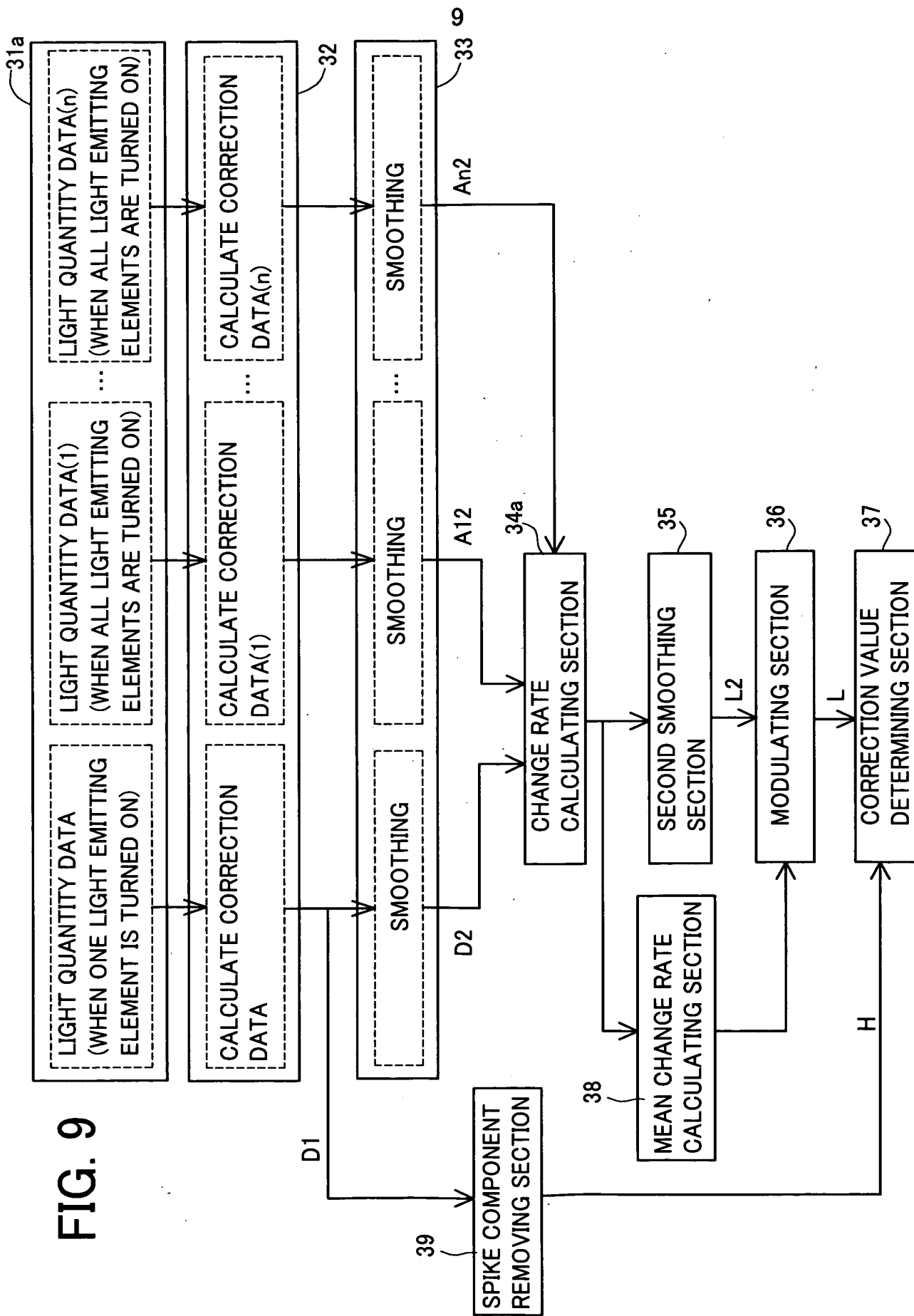


Figure 1 is a line graph titled "LIGHT QUANTITY DIFFERENCE OF LIGHT IMAGE PATTERN(%)" on the y-axis and "ELEMENT ADDRESS" on the x-axis. The y-axis scale ranges from -7.0 to 5.2, with major grid lines at -7.0, 0, and 5.2. The x-axis scale ranges from 0 to 3840, with major grid lines at 0, 960, 1920, 2880, and 3840. The graph displays a single data series represented by a solid line. The line starts near 0% at address 0, fluctuates with several peaks and troughs, and ends near 0% at address 3840. Notable features include a peak around address 1000, a trough around address 1500, and a significant peak around address 2500.

FIG. 8



CORRECTION DATA



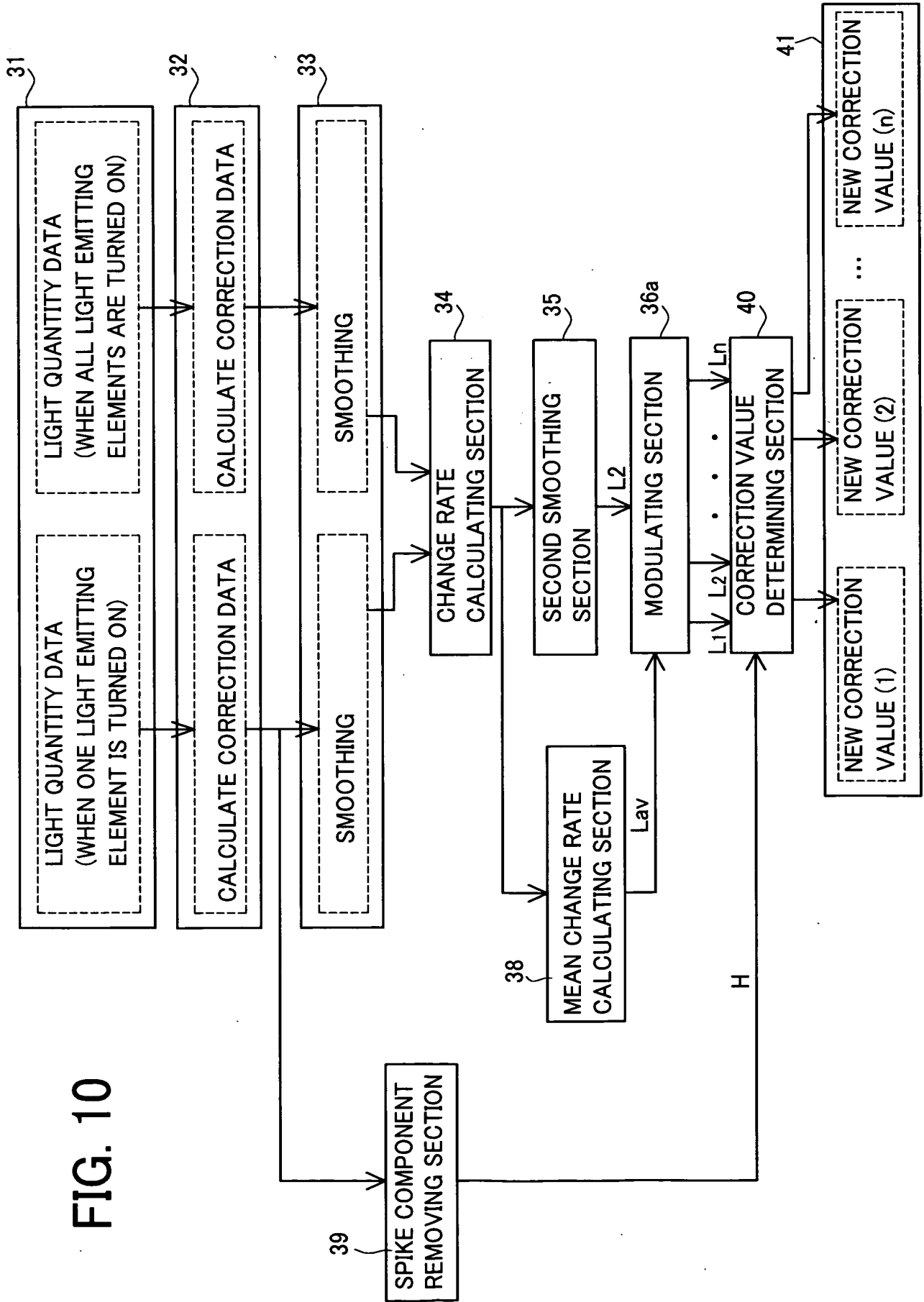
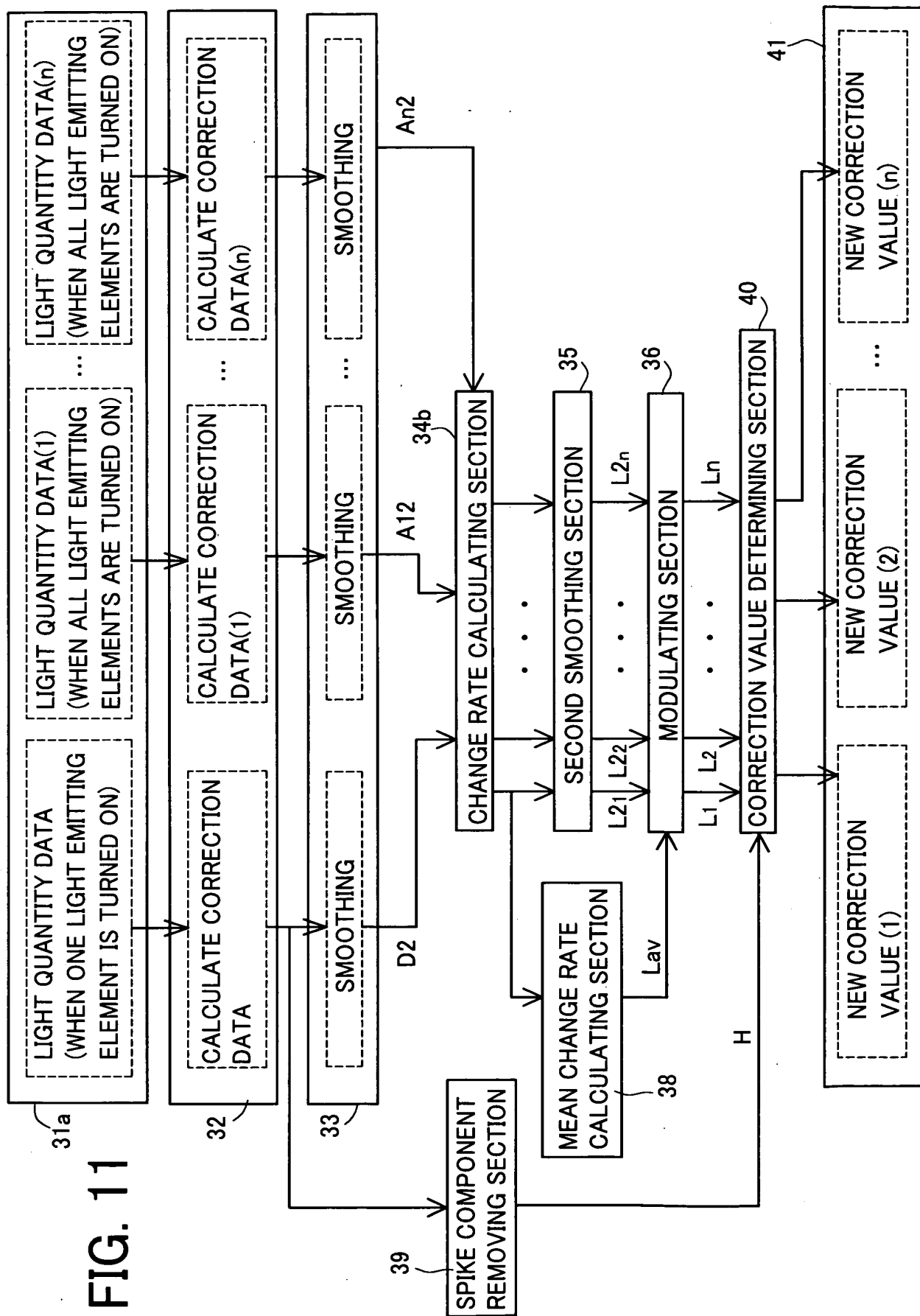
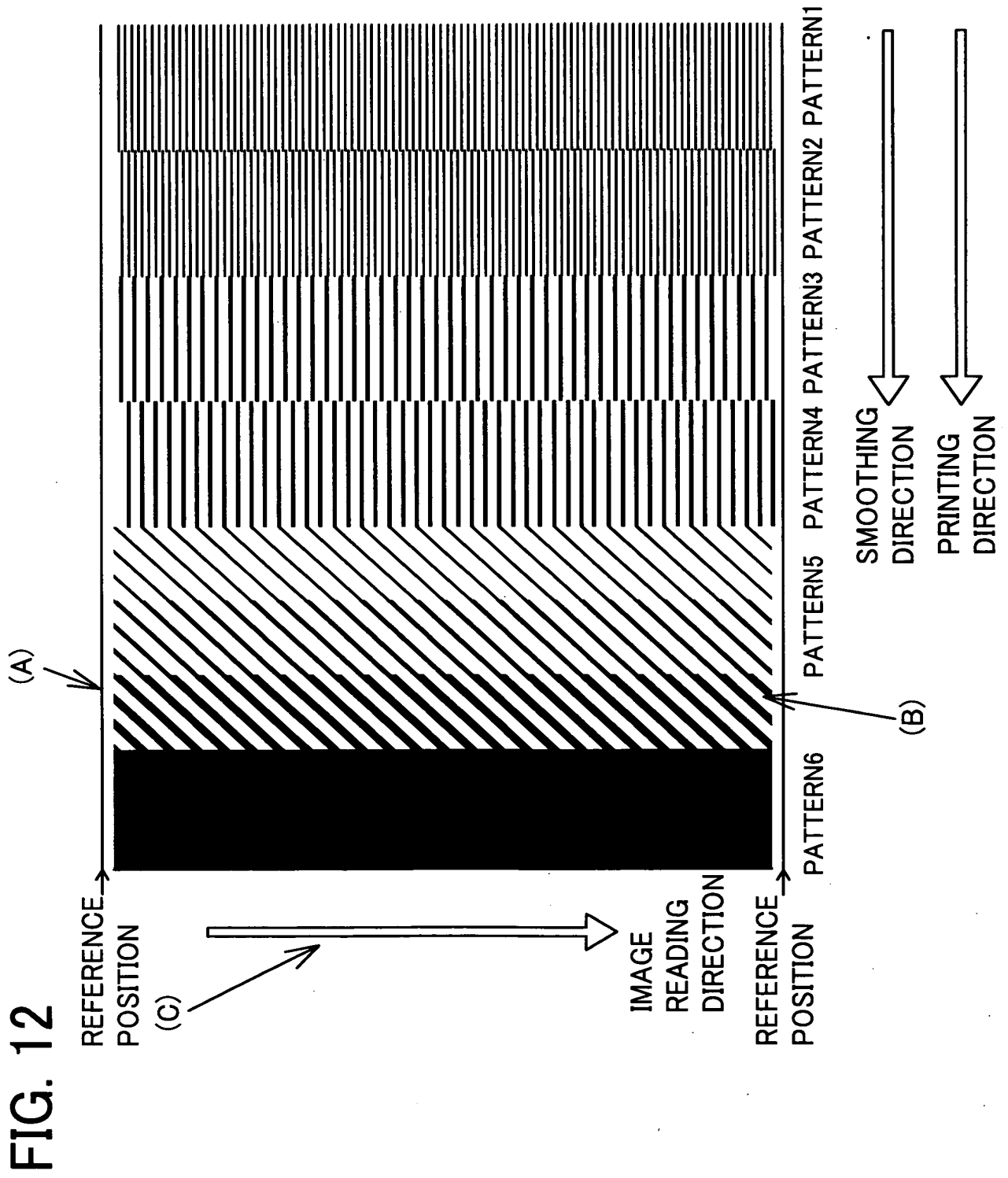


FIG. 11





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graph TD
    START([START]) --> INPUT[INPUT PROCESSINGS #1]
    INPUT --> PERMIT{PERMIT LIGHT QUANTITY CORRECTION? #2}
    PERMIT -- YES --> LOAD[LOAD LIGHT QUANTITY CORRECTION VALUE AND ESTABLISH LIGHT QUANTITY CORRECTION MODE #7]
    PERMIT -- NO --> START_PRINT{START PRINTING? #3}
    START_PRINT -- YES --> PRINT[PRINT #4]
    PRINT --> LAST_COLOR{LAST COLOR? #5}
    LAST_COLOR -- NO --> PRINT
    LAST_COLOR -- YES --> SENSOR[PROCESSINGS FOR SENSOR INPUTS AND PROCESS CONTROLS #6]
    SENSOR --> END([END])
    LOAD --> LOAD_PATTERN[LOAD A PATTERN FOR LIGHT QUANTITY CORRECTION TEST #8]
    LOAD_PATTERN --> PRINT_PATTERN[PRINT THE TEST PATTERN #9]
    PRINT_PATTERN --> TEST_READ{THE TEST PATTERN READ? #10}
    TEST_READ -- NO --> TEST_READ
    TEST_READ -- YES --> REF_INFO[OBTAIN REFERENCE POSITION INFORMATION #11]
    REF_INFO --> ORIENT{PAPER PLACED IN A CORRECT ORIENTATION? #12}
    ORIENT -- NO --> TEST_READ
    ORIENT -- YES --> SCALEUP{NEED SCALEUP/SCALEDOWN PROCESSING? #13}
    SCALEUP -- NO --> TEST_READ
    SCALEUP -- YES --> SCALEUP_PROC[SCALEUP/SCALEDOWN PROCESSING #14]
    SCALEUP_PROC --> SMOOTHING[SMOOTHING #15]
    SMOOTHING --> PIXEL[OBTAIN PIXEL INFORMATION #16]
    PIXEL --> CALC[CALCULATE A CORRECTION VALUE #17]
    CALC --> STORE[STORE THE CORRECTION VALUE #18]
    STORE --> LOAD
  
```

65536 65536 65536

FIG. 14

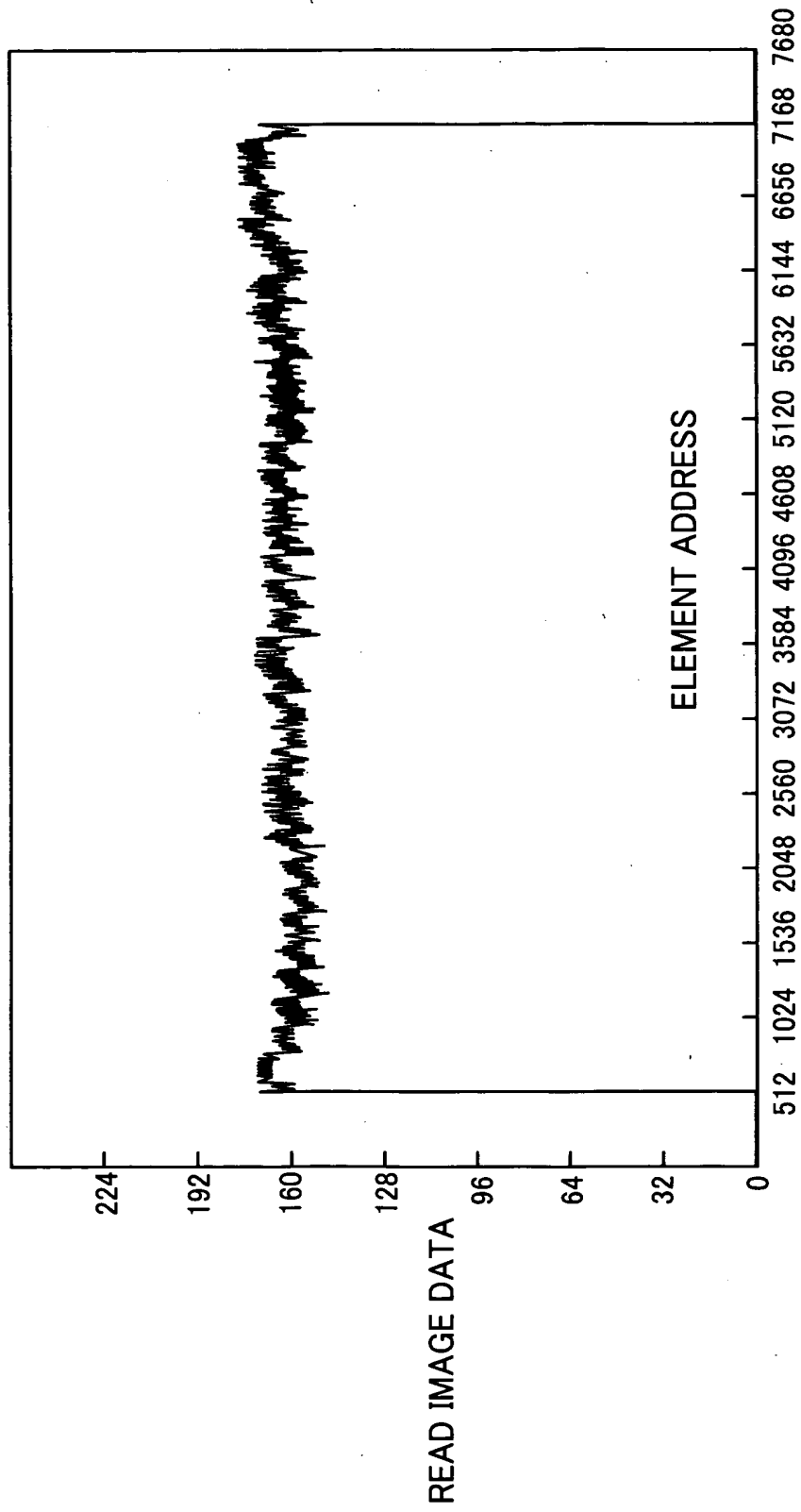


FIG. 15

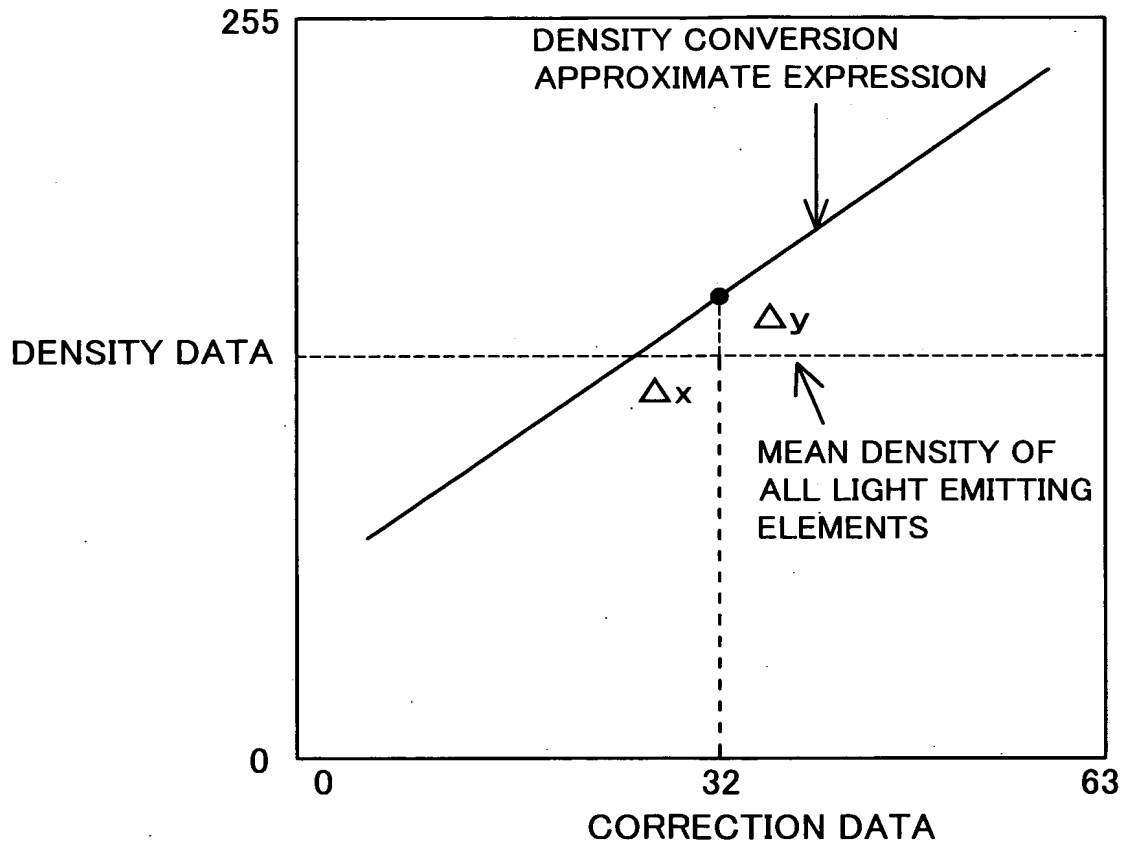


FIG. 16

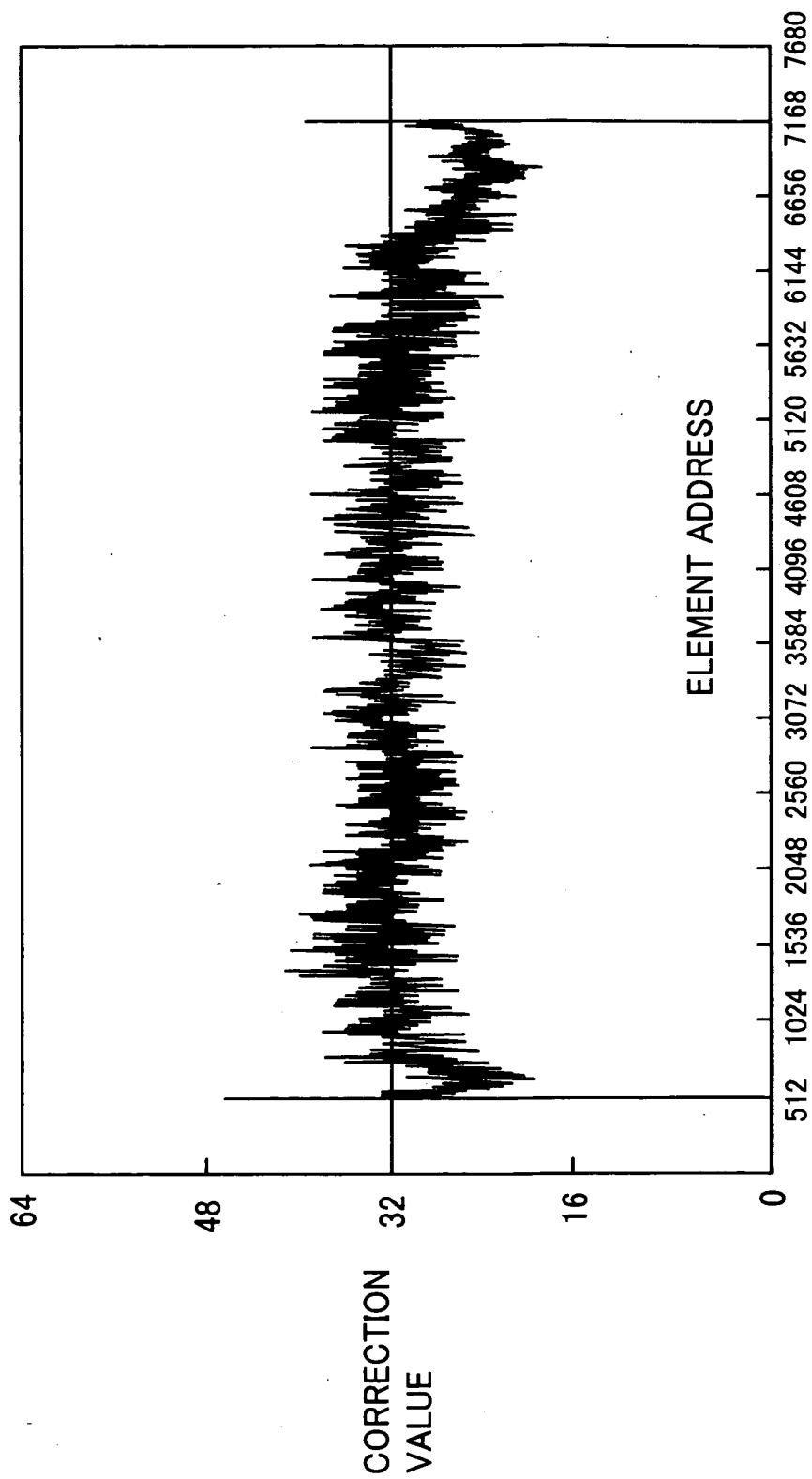


FIG. 17

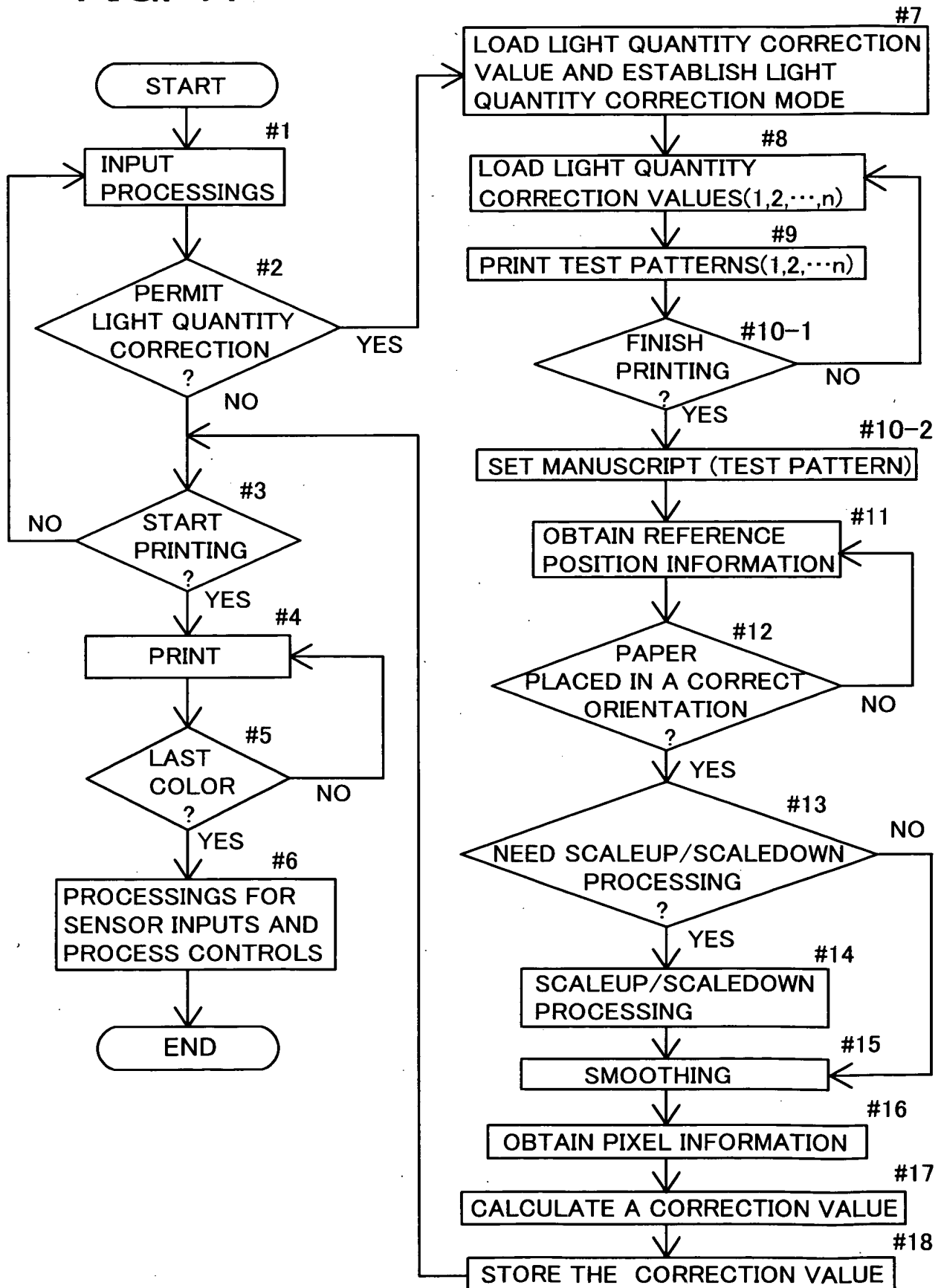


FIG. 18

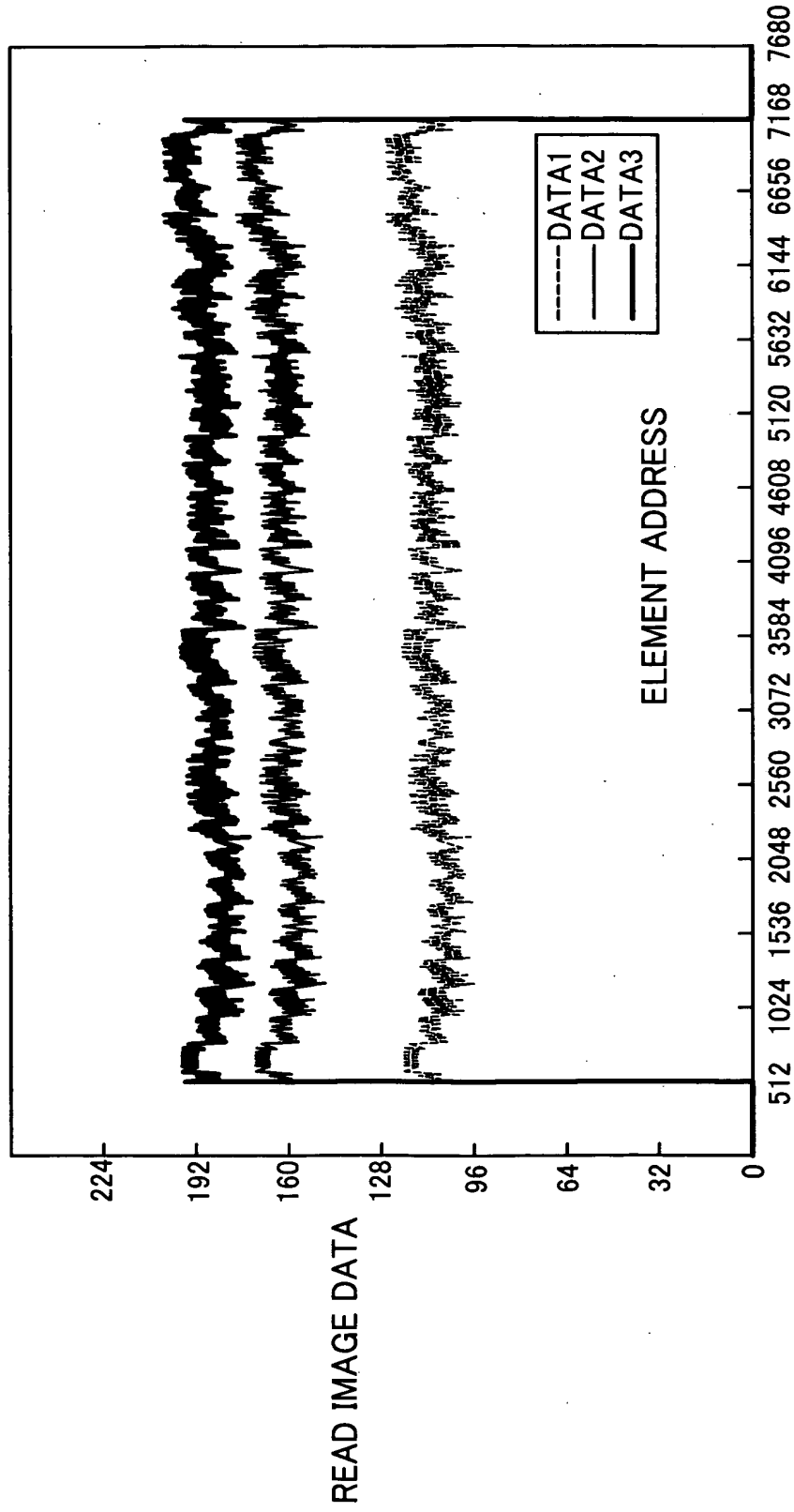
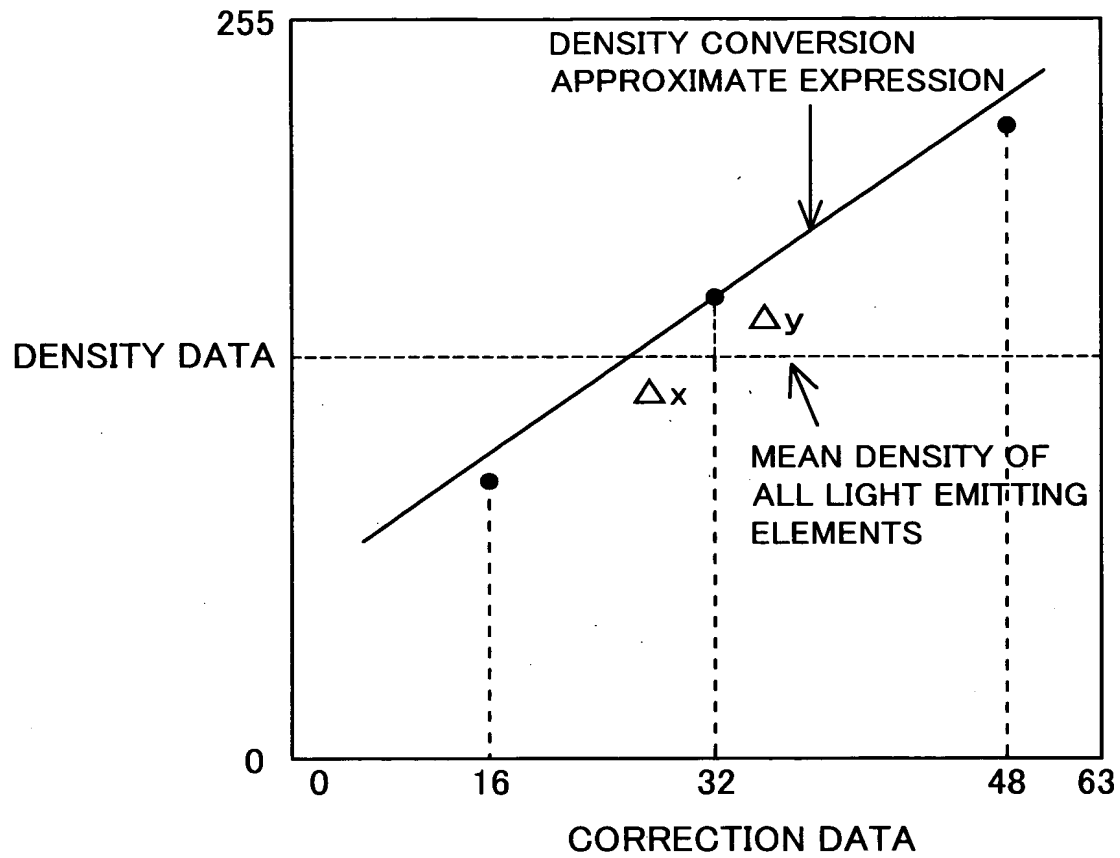


FIG. 19



703020 233220

FIG. 20

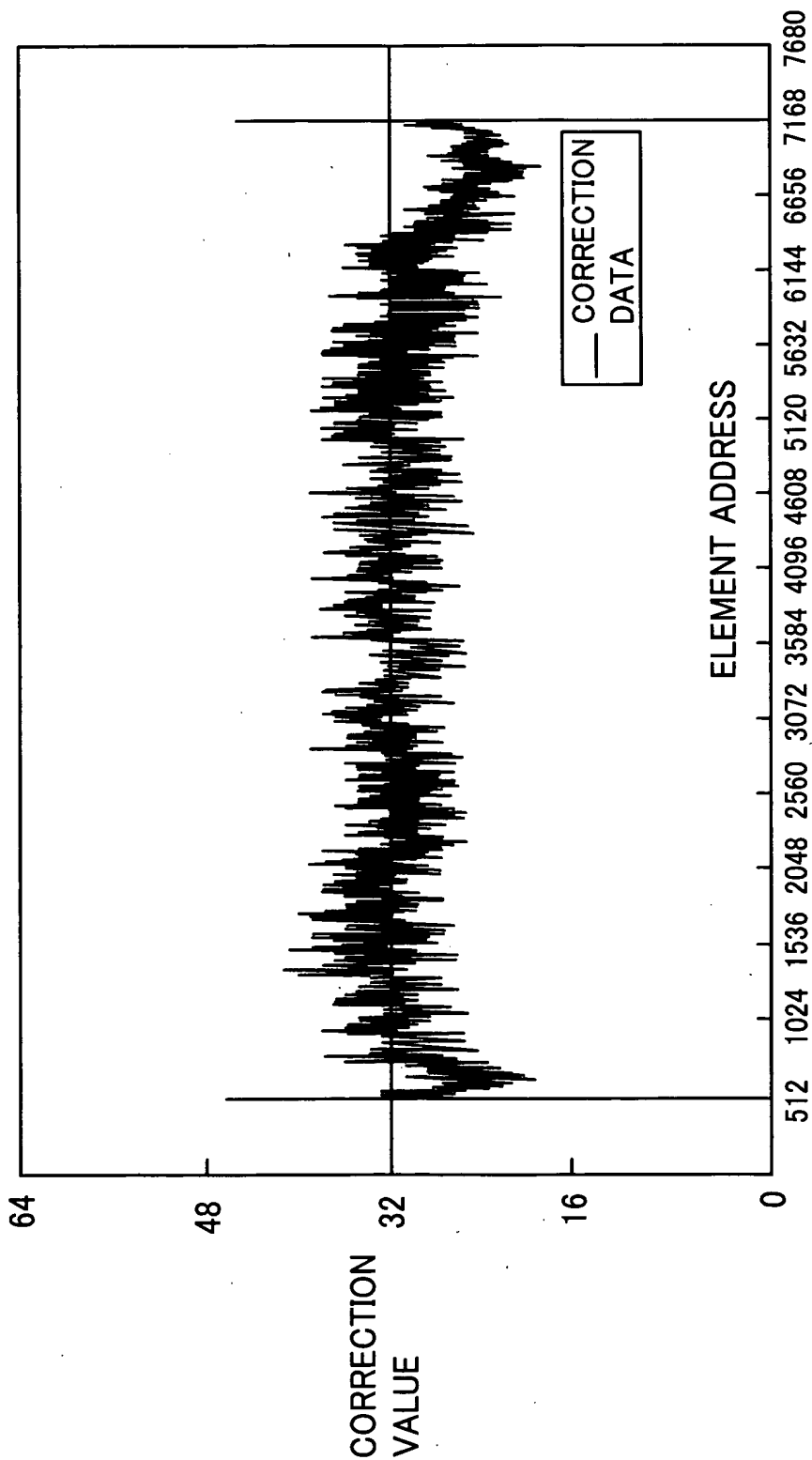


FIG. 21

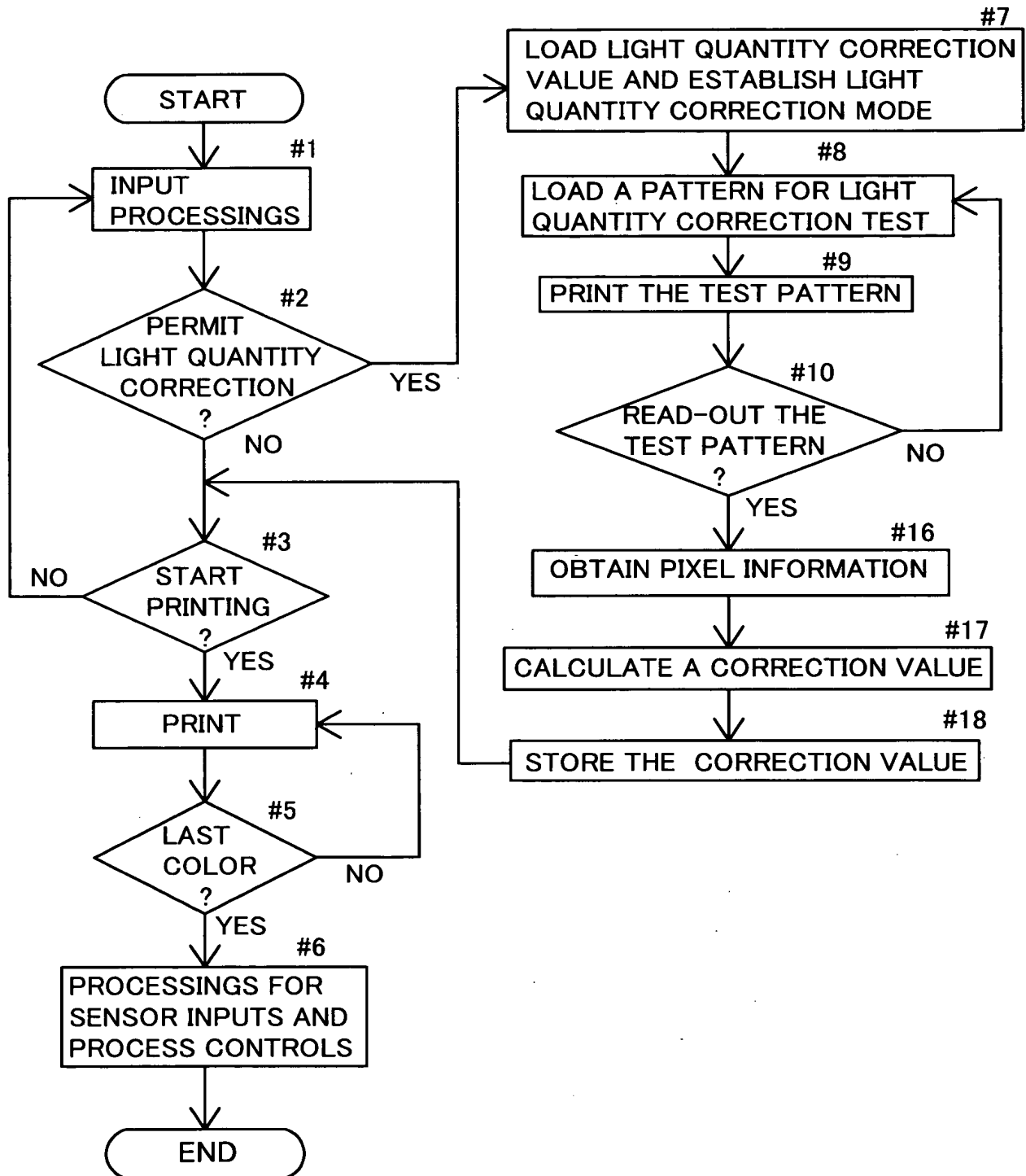


FIG. 22

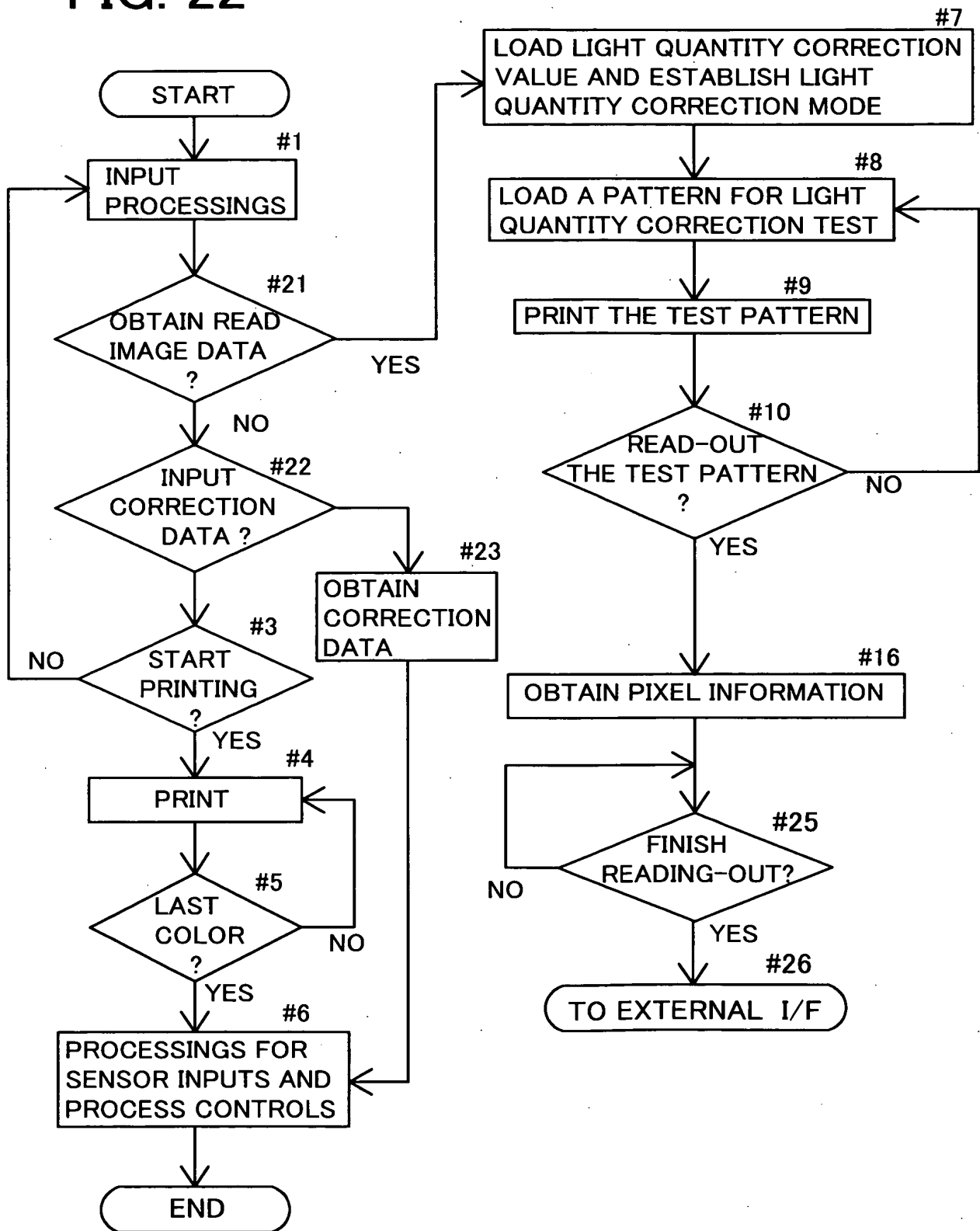


FIG. 23

